

Project Fact Sheet

CEC / SMUD Regen Project 3.2 BIPV Mounting

Approaches for New Construction

GOALS

- To identify focus areas and review the functional requirements for selected BIPV mounting approaches.
- To develop and prototype designs that meet those approaches.
- To create information such as drawings and specifications that can be used by architects, designers and engineers to promote the incorporation of BIPV in new construction.



PROJECT DESCRIPTION

Schott Applied Power Corp. (SAPC) will develop and document BIPV mounting approaches for new building construction. In conjunction with SMUD, SAPC will select a specific range of applications and develop specific mounting approaches for the building industry. SAPC will then develop information to be used by architects and designers.

BENEFITS TO CALIFORNIA

The results of this work should facilitate the use of PV technologies in California. The primary benefits of this work are anticipated to be:

- Greater options in BIPV mounting techniques for California architects and builders.
- Greater awareness and adoption of PV practices by architects and builders.
- Reduced cost of installation.
- Increased use of BIPV in new construction.



Through this work, SAPC will develop products that define and document sample-mounting techniques that can be used for BIPV applications. These products will consist of a number of core approaches that have broad application. The products and information may be used “as is” by design professionals or expanded to suit their specific requirements. In this fashion, the barriers for new BIPV projects would be reduced, allowing earlier consideration of BIPV projects and also facilitating the general awareness of solar applications in the building community.

FUNDING AMOUNT

Commission \$99,180
Match \$0

PROJECT STATUS

Project is under contract, expect activities starting 2003.



FOR MORE INFORMATION

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